



ASMJP.055C1

CUSTOMER NO.: 20995

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321

Applicant : Satoh et al.
Appl. No. : 10/759,925
Filed : January 16, 2004
For : SEMICONDUCTOR
PROCESSING WITH A REMOTE
PLASMA SOURCE FOR SELF-
CLEANING
Examiner : M. Kornakov
Group Art Unit : 1746

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 20, 2004

(Date)

Adeel S. Akhtar, Reg. No. 41,394

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Empowerment of Attorney

Pursuant to 37 C.F.R. § 1.321(b) the undersigned attorney of record is empowered to act on behalf of the Assignee, ASM JAPAN K.K. ("Assignee"), by virtue of a Power of Attorney executed on January 10, 2001, a copy of which is attached.

Right of Assignee and Ownership

In accordance with 37 C.F.R. § 3.73(b), Assignee represents that it is the owner of a 100% percent interest in the above-identified application and co-owned, co-pending, Application No. 09/764,523, now issued Patent No. 6,736,147, all by virtue of an assignment recorded at Reel No. 011886, Frame No. 0470 by the Assignment Branch of the Patent and Trademark Office. The Assignee represents that, to the best of Assignee's knowledge and belief, title is in the Assignee seeking to take action.

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Appl. No. : 10/759,925
Filed : January 16, 2004

Disclaimer by Assignee

Assignee hereby disclaims, except as provided below, the terminal part of any patent granted on the above-referenced application that would extend beyond the expiration date of the full statutory term of U.S. Patent No. 6,736,147, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the instant application and U.S. Patent No. 6,736,147 are co-owned. This agreement extends to any patent granted on the above-referenced application and shall be binding on its successors or assigns.

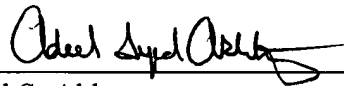
Assignee does not disclaim any terminal part of any patent granted on the above-referenced application prior to the earlier of the expiration date of the full statutory term of U.S. Patent No. 6,736,147, and that of any patent issuing on the above-identified application in the event that either one later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal title stated above.

This Terminal Disclaimer is accompanied by the \$110 fee set forth in 37 C.F.R. § 1.20(d).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 20, 2004

By: 
Adeel S. Akhtar
Registration No. 41,394
Attorney of Record
Customer No. 20,995
(415) 954-4114

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ASMJP-055AUS

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoh et al.)
)
 App. No. : Unknown)
)
 Filed : Herewith)
)
 For : A SEMICONDUCTOR-PROCESSING)
 DEVICE PROVIDED WITH A)
 REMOTE PLASMA SOURCE FOR)
 SELF-CLEANING)
 Examiner : Unknown

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone

App. No. : Unknown
Filed : Herewith

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(949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

ASM Japan K.K.

Dated:

January 10, 2001

By:

Akihiro Kizaki
Akihiro Kizaki

Title: Patent Manager

Address: 23-1, 6-chome, Nagayama, Tama-shi
Tokyo 206-0025 JAPAN

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Application No.: Unknown
Filing Date: Herewith

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Client Code: ASMJP.055AI
Page

ASSIGNMENT

WHEREAS, We, Hiyoshi Satoh, a Japanese citizen, residing at _____, Kazuo Sato, a Japanese citizen, residing at _____, Hideako Fukuda, a Japanese citizen, residing at _____, have invented certain new and useful improvements in a A SEMICONDUCTOR-PROCESSING DEVICE PROVIDED WITH A REMOTE PLASMA SOURCE FOR SELF-CLEANING for which we have filed U.S. Provisional Application No. 60/176,592 on January 18, 2000, and for which we have executed an application for Letters Patent in the United States claiming priority to said Provisional Patent Application, on even date herewith;

AND WHEREAS, ASM JAPAN K.K. (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 23-1, 6-chome, Nagayama, Tama-shi, TOKYO 206-0025 JAPAN, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of January, 2001.

K. Satoh
Kiyoshi Satoh

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of January, 2001.

Kazuo Sato
Kazuo Sato

Application No.: Unknown
Filing Date: Herewith

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PATENT
Client Code: ASMJP-055AUS
Page 2

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of January, 2001.

Hideaki Fukuda
Hideaki Fukuda